

## Protape® PUR-VA 330 MHF


**APPLICATIONS**

Suction and blast hose, especially suitable:

- For solids such as dust, powder, fibres and chips
- For gaseous media such as vapors and smoke
- For de-dusting and suction plants
- For the food and pharmaceutical industry
- For the chemical industry

**PROPERTIES**

- Super-light and reinforced model
- Highly flexible and compressible 3:1
- Optimized flow properties
- High tensile strength and tear resistant
- Food quality wall complies with: FDA 21 CFR 177.2600 and 178.2010, EC guideline 2002/72/EC incl. the latest amendment 2007/19/EC, German guideline XXXIX BfR polyurethane (see chapt. 14.5)
- Approval according to EC guideline 2002/72/EC incl. the latest amendment 2007/19/EC for the complete hose by independent institute (see chapt. 14.5)
- Odourless and tasteless
- Microbe and hydrolysis resistant
- Good resistance to chemicals (refer to section 14.1)
- Good resistance to UV and ozone (see chapt. 14.8)
- Very good low temperature flexibility (better than comparable ester-polyurethanes)
- Small bending radius
- Kink-proof
- Free of softener and halogen
- Gas and liquid tight
- According to TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

**MATERIAL**

- Wall: special premium ether-polyurethane
- Spiral: stainless steel wire (VA)

**TEMPERATURE RANGE**

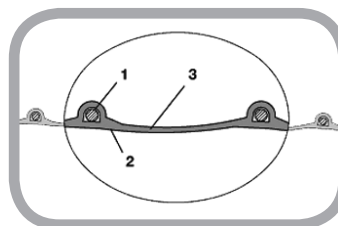
- -40°C approx to +90°C approx
- Short time to +125°C approx

**COLOUR**

- Transparent

**CONSTRUCTION**

- 1 Spring steel wire integrated in wall
- 2 Extruded tape
- 3 Wall thickness 0.6 mm approx according to TRBS 2153 antistatic wall: electrical and surface resistance  $< 10^9 \Omega$  due to permanently antistatic material without migration



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I.D	O.D	Recommended Operating Limits		Bending Radius (middle of hose)	Weight	Further Production Lengths	Stock Lengths	Order Number
		Overpressure bar	Vacuum bar					
mm	mm	bar	bar	mm	kg/m	mm	mm	
38	45	1.06	0.32	45	0.25	10		330-0038-1103
40	47	1.015	0.3	47	0.28		10	330-0040-1103
50	58	0.815	0.26	58	0.36		10	330-0050-1103
60	68	0.68	0.21	68	0.43	10		330-0060-1103
65	73	0.63	0.18	73	0.47		10	330-0065-1103
70	78	0.585	0.15	78	0.5	10		330-0070-1103
75	83	0.545	0.14	83	0.53	10		330-0075-1103
80	88	0.51	0.13	88	0.57		10	330-0080-1103
100	108	0.41	0.09	108	0.66		10	330-0100-1103
120	128	0.34	0.075	128	0.79	10		330-0120-1103
125	133	0.33	0.06	133	0.82		10	330-0125-1103
150	158	0.275	0.055	158	0.98		10	330-0150-1103
160	168	0.255	0.05	168	1.04	10		330-0160-1103
180	188	0.23	0.04	188	1.17	10		330-0180-1103
200	208	0.205	0.04	208	1.29	10		330-0200-1103

Further diameters and lengths available on request. All stated data are approx. figures based on a temperature of 20 °C. Engineering modifications subject to change. Please refer to technical index